Chapter 1

Foreword

CHAPTER 1 – FOREWARD

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Introduction

Service Manual Structure

The service manual is structured as a series of stand–alone booklets which can be ordered on an as–required basis. The 'core' service manual consists of the following:

NHB–3 Series Core Transceiver booklet comprising

Chapter 1:	Foreward
Chapter 2:	Technical Information
Chapter 3:	Transceiver Overview
Chapter 4:	System Module
Chapter 5:	Display Module

The accessory booklets comprise an overview; separate booklets covering those accessories deemed to be serviceable; and a booklet covering the remaining (non–serviceable) accessories.

- Accessories Overview
- Cigarette Lighter Charger LCH–2
- Desktop Charger CHH–2
- Handsfree Desktop Charger CHH–8P
- Non–serviceable Accessories

Other booklets available are:

- Quick Guide
- Installation Instructions
- Service Software Instructions
- Dissassembly Instructions
- Troubleshooting Instructions
- Tuning Instructions
- Service Accessories
- Cark10P Installation Guide

This sections of the service manual (the NHB–3 series Transceiver booklet) describes those areas of the NHB–3 series handportable telephone which are common to all variants. This booklet includes technical information; a technical overview of teh transceiver plus detailed descriptions of the main modules and associated parts lists.

The Service Manual is intended for use by qualified service personnel only.

Company Policy

Our policy is of continuous development; details of all technical modifications will be included with service bulletins.

While every endeavour has been made to ensure the accuracy of this document, some errors may exist. If any errors are found by the reader, NOKIA MOBILE PHONES Ltd should be notified in writing.

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Warnings and Cautions

Please refer to the phone's user guide for instructions relating to operation, care and maintenance including important safety information. Note also the following:

Warnings:

1 CARE MUST BE TAKEN ON INSTALLATION IN VEHICLES FITTED WITH ELECTRONIC ENGINE MANAGEMENT SYSTEMS AND ANTI–SKID BRAKING SYSTEMS. UNDER 'CERTAIN FAULT CONDITIONS, EMITTED RF ENERGY CAN AFFECT THEIR OPERATION. IF NECESSARY, CONSULT THE VEHICLE DEALER/MANUFACTURER TO DETERMINE THE IMMUNITY OF VEHICLE ELECTRONIC SYSTEMS TO RF ENERGY.

2 THE HANDPORTABLE TELEPHONE MUST NOT BE OPERATED IN AREAS LIKELY TO CONTAIN POTENTIALLY EXPLOSIVE ATMOSPHERES EG PETROL STATIONS, BLASTING AREAS ETC. PERMISSION MUST BE OBTAINED TO USE THE PHONE IN AIRCRAFT.

3 OPERATION OF ANY RADIO TRANSMITTING EQUIPMENT INCLUDING CELLULAR TELEPHONES, MAY INTERFERE WITH THE FUNCTIONALITY OF INADEQUATELY PROTECTED MEDICAL DEVICES. OTHER ELECTRONIC EQUIPMENT MAY ALSO BE SUBJECT TO INTERFERENCE.

Cautions:

1 SERVICING AND ALIGNMENT MUST BE UNDERTAKEN BY QUALIFIED PERSONNEL ONLY.

2 ENSURE ALL WORK IS CARRIED OUT AT AN ANTI–STATIC WORKSTATION AND THAT AN ANTI–STATIC WRIST STRAP IS WORN.

3 ENSURE SOLDER, WIRE, OR FOREIGN MATTER DOES NOT ENTER THE TELEPHONE AS DAMAGE MAY RESULT.

4 USE ONLY APPROVED COMPONENTS AS SPECIFIED IN THE PARTS LIST.

5 ENSURE ALL COMPONENTS, MODULES SCREWS AND INSULATORS ARE CORRECTLY RE–FITTED AFTER SERVICING AND ALIGNMENT. ENSURE ALL CABLES AND WIRES ARE REPOSITIONED CORRECTLY.

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